

[CLAIMS]

[Claim 1] An L-tryptophan producing *E.coli* mutant strain containing at least one of mutant genes consisting of *aroF*, *aroG*, *trpR*, and *tyrR* related with Tryptophan biosynthesis.

- 5 [Claim 2] The mutant strain according to claim 1, wherein the *E.coli* mutant strain is *E. coli* CJ285 KCCM-10534.

[Claim 3] A production method of L-tryptophan using the *E.coli* mutant strain of claim 1 or claim 2.